



IFW

Docket No. 1793.1553

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Joo-Ho KIM et al.

Serial No: 10/514,422

Group Art Unit: 2627

Confirmation No. 8814

Filed: June 29, 2005

Examiner: Unassigned

For: RECORDING MEDIUM HAVING HIGH MELTING POINT RECORDING LAYER,  
INFORMATION RECORDING METHOD THEREOF, AND INFORMATION  
REPRODUCING APPARATUS AND METHOD THEREFOR**SECOND REQUEST FOR CORRECTED FILING RECEIPT**Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

It is requested that the number of drawings and the city of residence for the first Applicant be corrected on the Corrected Filing Receipt dated May 16, 2006, and that the names and cities of residence for the first and second Assignee on the Official Filing Receipt be added. The correct number of drawings is 6, as is evidenced by the date-stamped postcard receipt attached to the application as filed. The correct city of residence for the first Applicant is Yongin-si, REPUBLIC OF KOREA, as is evidenced by the Declaration. For the convenience of the Patent and Trademark Office, attached is a photocopy of the Corrected Filing Receipt dated May 16, 2006, on which the errors have been noted in red.

It is requested that a corrected Official Filing Receipt be issued in this application.

Respectfully submitted,

Date: March 2007 By: Gene M. Garner, Jr.  
STAAS & HALSEY LLP  
Registration No. 34,1721201 New York Ave, N.W., Suite 700  
Washington, D.C. 20005  
Telephone: (202) 434-1500  
Facsimile: (202) 434-1501



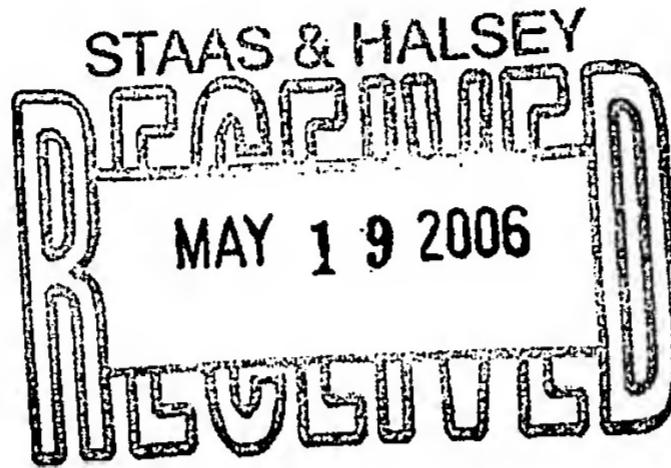
## UNITED STATES PATENT AND TRADEMARK OFFICE



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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/514,422	06/29/2005	2627	1668	1793.1553	[10]	34	6

21171  
STAAS & HALSEY LLP  
SUITE 700  
1201 NEW YORK AVENUE, N.W.  
WASHINGTON, DC 20005



--6--  
CONFIRMATION NO. 8814

CORRECTED FILING RECEIPT



\*OC000000018817156\*

Date Mailed: 05/16/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Joo-Ho Kim, [Jongin-si] KOREA, REPUBLIC OF; --Yongin-si--  
Junji Tominaga, Ibaraki, JAPAN;

**Assignment For Published Patent Application**

Samsung Electronics Co., Ltd., Suwon-si, KOREA, REPUBLIC OF  
National Institute of Advanced Industrial Science and Technology, Chiyoda-ku, TOKYO, JAPAN

**Power of Attorney:** The patent practitioners associated with Customer Number 21171.

**Domestic Priority data as claimed by applicant**

This application is a 371 of PCT/KR03/00968 05/16/2003

**Foreign Applications**

JAPAN 2002-141664 05/16/2002

**Acceptable Request to Retrieve Priority Application Received?**

NO

**If Required, Foreign Filing License Granted:** 05/16/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/514,422**

**Projected Publication Date:** Not Applicable

**Non-Publication Request:** No

**Early Publication Request:** No

**Title**

Recording medium having high melting point recording layer, information recording method thereof, and information reproducing apparatus and method therefor

**Preliminary Class**

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## **PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where

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No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



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Please Date Stamp and return

PCT Transmittal: Fee Transmittal, Preliminary Amendment (8 pages), Drawings (6 pages) (FIGS. 1, 2, 3A-3B, 4A-4B, 5), Substitute Specification (10 pages), Marked Up Specification (10 pages), Information Disclosure Statement, PTO Form 1449, copies of WO publication, International Search Report, International Preliminary Examination Report, PCT Request, Written Opinion, PCT/IB/332, PCT/IB/306, PCT/IB/301, PCT/IB/304, 9 cited foreign references, copies of 2 Co-pending Applications, Attachment 1(f), Check \$1538.00

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APPLICANT(S): Joo-Ho KIM, et al.

SERIAL NO:

CONFIRMATION NO.

TITLE: RECORDING MEDIUM HAVING HIGH MELTING POINT RECORDING LAYER, INFORMATION RECORDING METHOD THEREOF, AND INFORMATION REPRODUCING APPARATUS AND METHOD THEREFOR

FILING DATE: November 16, 2004

DOCKET NO: 1793.1553 MDS/DXR:cr

DUE DATE: November 16, 2004



PCT Transmittal: Fee Transmittal, Preliminary Amendment (8 pages), Drawings (6 pages) (FIGS. 1, 2, 3A-3B, 4A-4B, 5), Substitute Specification (10 pages), Marked Up Specification (10 pages), Information Disclosure Statement, PTO Form 1449, copies of WO publication, International Search Report, International Preliminary Examination Report, PCT Request, Written Opinion, PCT/IB/332, PCT/IB/306, PCT/IB/301, PCT/IB/304, 9 cited foreign references, copies of 2 Co-pending Applications, Attachment 1(f), Check \$1538.00

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## COMBINED DECLARATION/POWER OF ATTORNEY FOR UTILITY/DESIGN PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**RECORDING MEDIUM HAVING HIGH MELTING POINT RECORDING LAYER, INFORMATION RECORDING METHOD THEREOF, AND INFORMATION REPRODUCING APPARATUS AND METHOD THEREFOR**

The specification of which is attached hereto, unless the following box is checked:

was filed on November 16, 2004 as United States Application Number or PCT International Application Number 10/514,422 and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefit(s) under 35 U.S.C. § 119(a)-(d) or § 365(a)-(c) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority NOT  
Claimed

2002-141664 (Number)	Japan (Country)	16/May/2002 Day/Month/Year Filed	<input type="checkbox"/>
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 (Number)	 (Country)	 Day/Month/Year Filed	<input type="checkbox"/>
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I hereby claim the benefit under 35 U.S.C. § 120 or § 119(e) of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

PCT/KR2003/000968 (Application Serial No.)	16/May/2003 (Filing Date)	Pending (Status – patented, pending, abandoned)
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 (Application Serial No.)	 (Filing Date)	 (Status – patented, pending, abandoned)
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I hereby appoint the attorneys and agents of Stae & Halsey LLP under USPTO Customer No. 21,171 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:



21171  
PATENT TRADEMARK OFFICE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Joo-Ho KIM

Inventor's Signature Joo-ho KIM Date 15 June 2005  
 Residence Yongin-si, Republic of Korea Citizenship Republic of Korea  
 Mailing Address 104-901 SK Apt., 700 Seocheon-ri, Giheung-eup, Yongin-si, Gyeonggi-do, Republic of Korea

Full name of second inventor Junji TOMINAGA

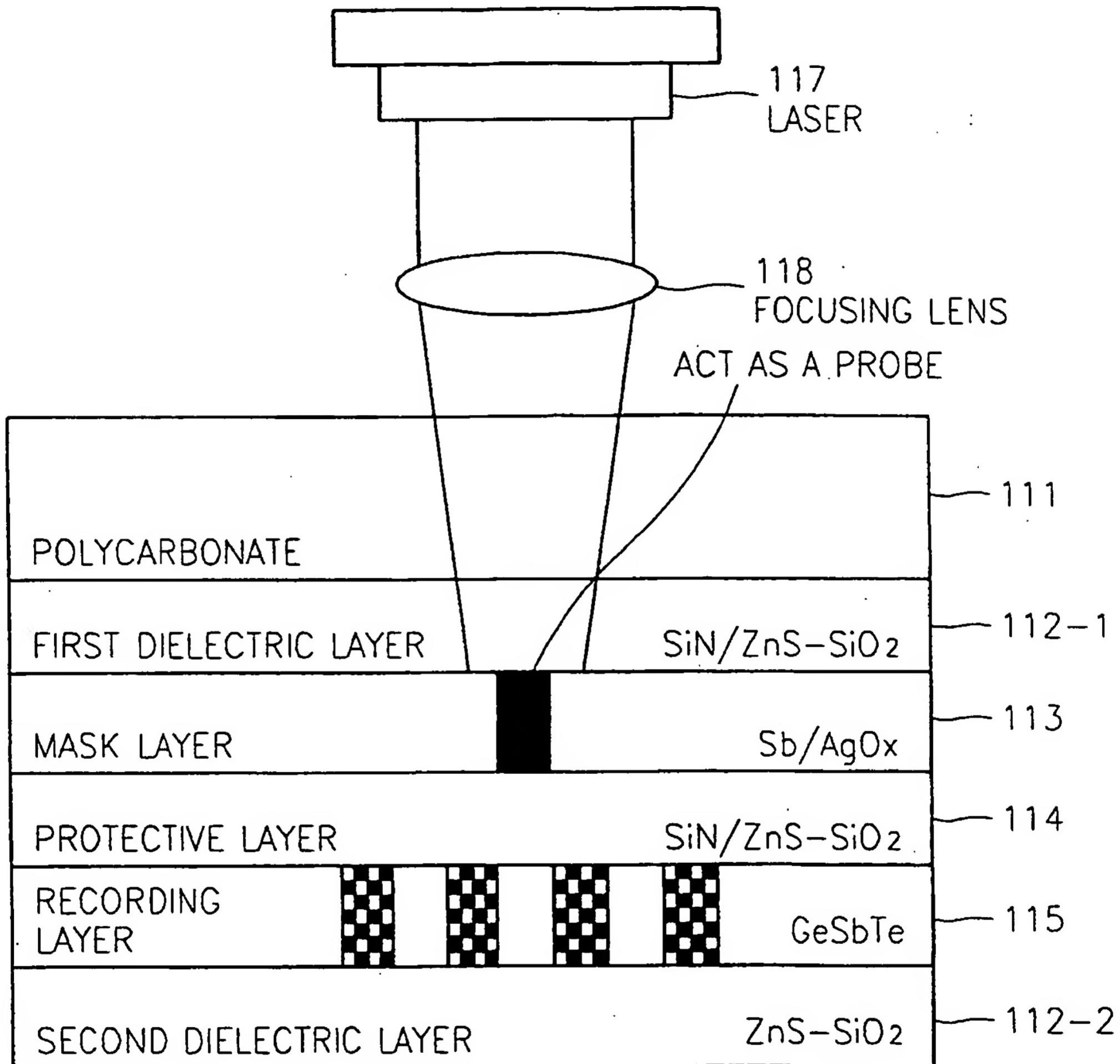
Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_  
 Residence Ibaraki, Japan Citizenship Japan  
 Mailing Address Central 4, 1-1-1, Higashi, Tsukubasi, Ibaraki 305-8562, Japan



# REPLACEMENT SHEET



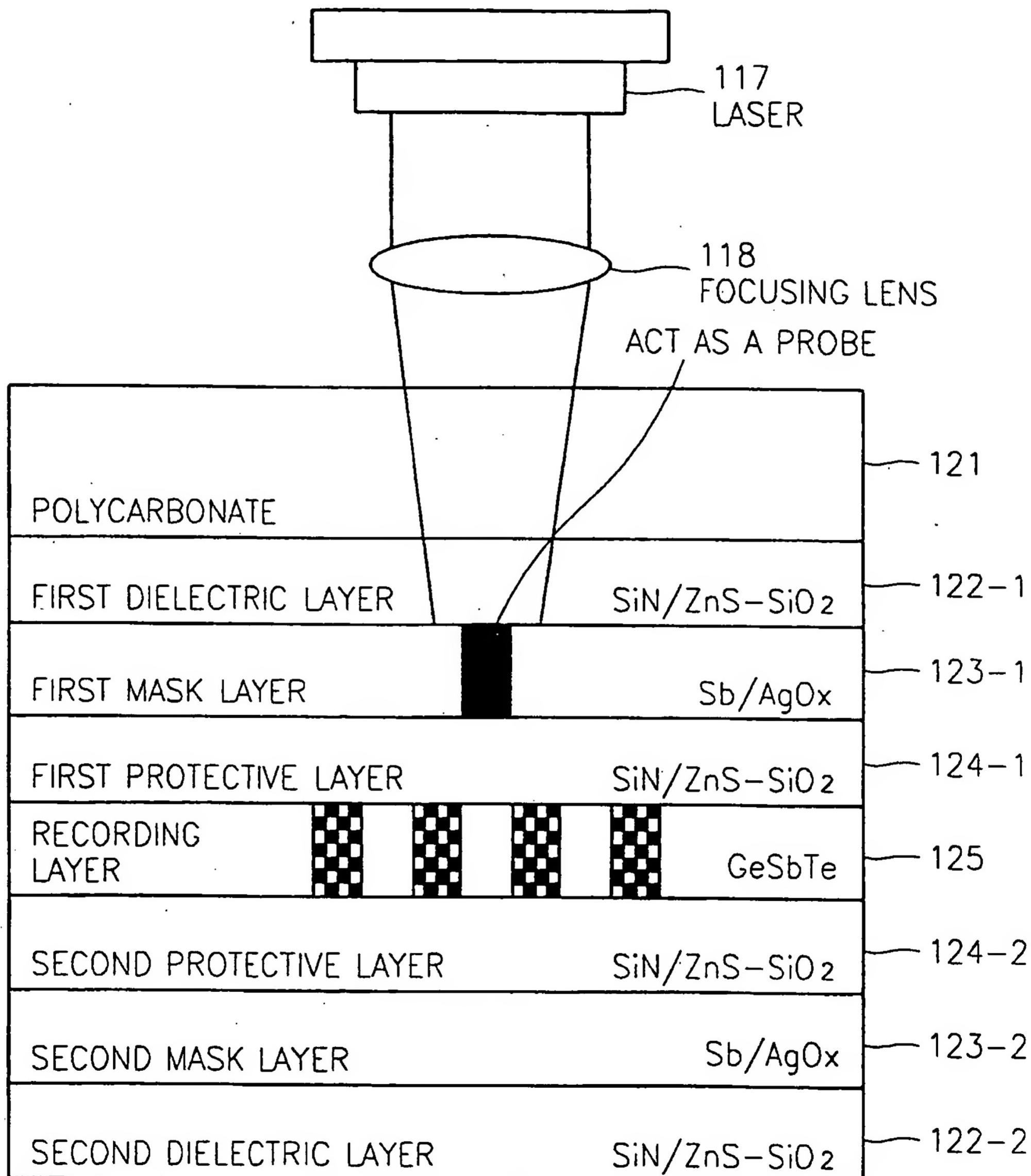
## FIG. 1 (PRIOR ART)



# REPLACEMENT SHEET



## FIG. 2 (PRIOR ART)



# REPLACEMENT SHEET



FIG. 3A

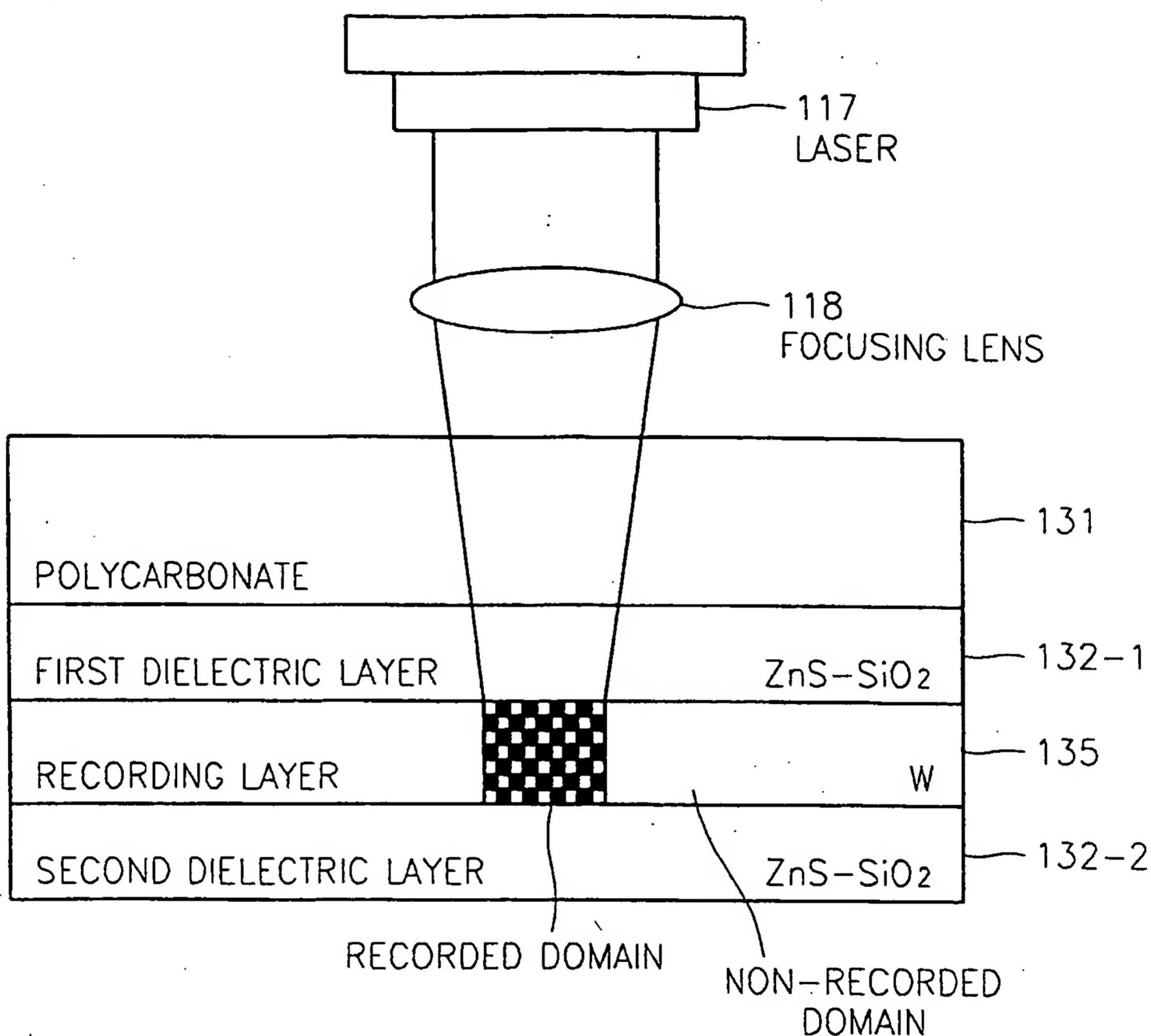
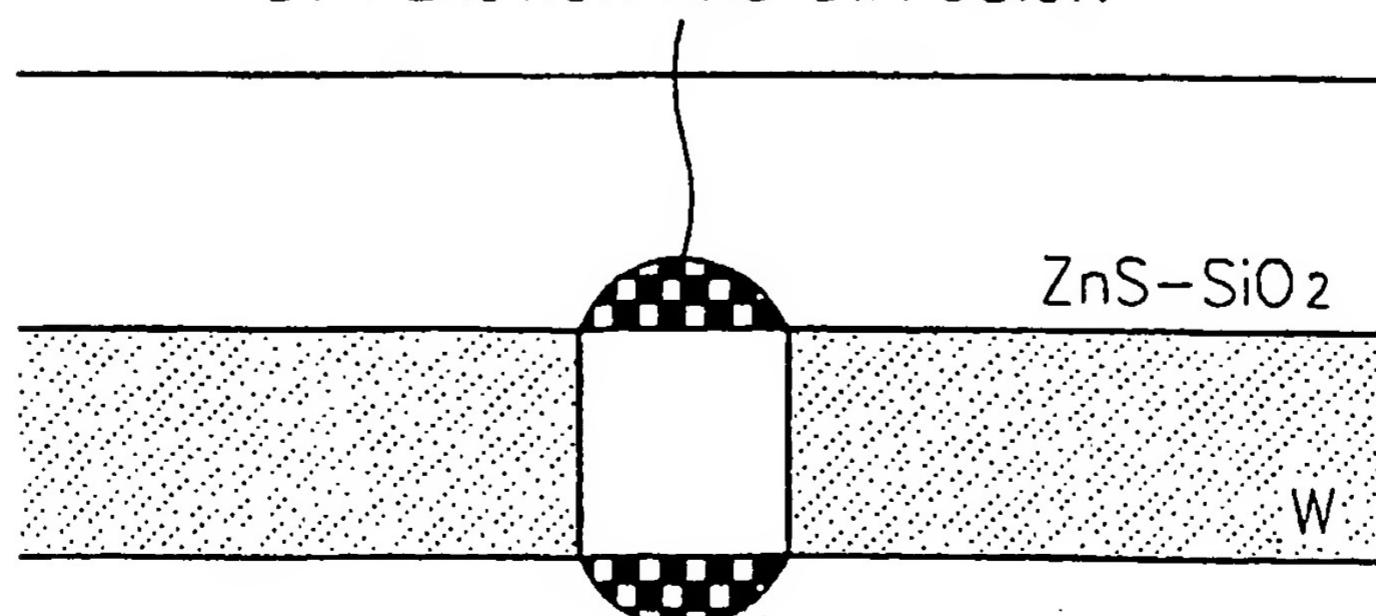


FIG. 3B

CRYSTALLINE PARTICLES FORMED  
BY REACTION AND DIFFUSION

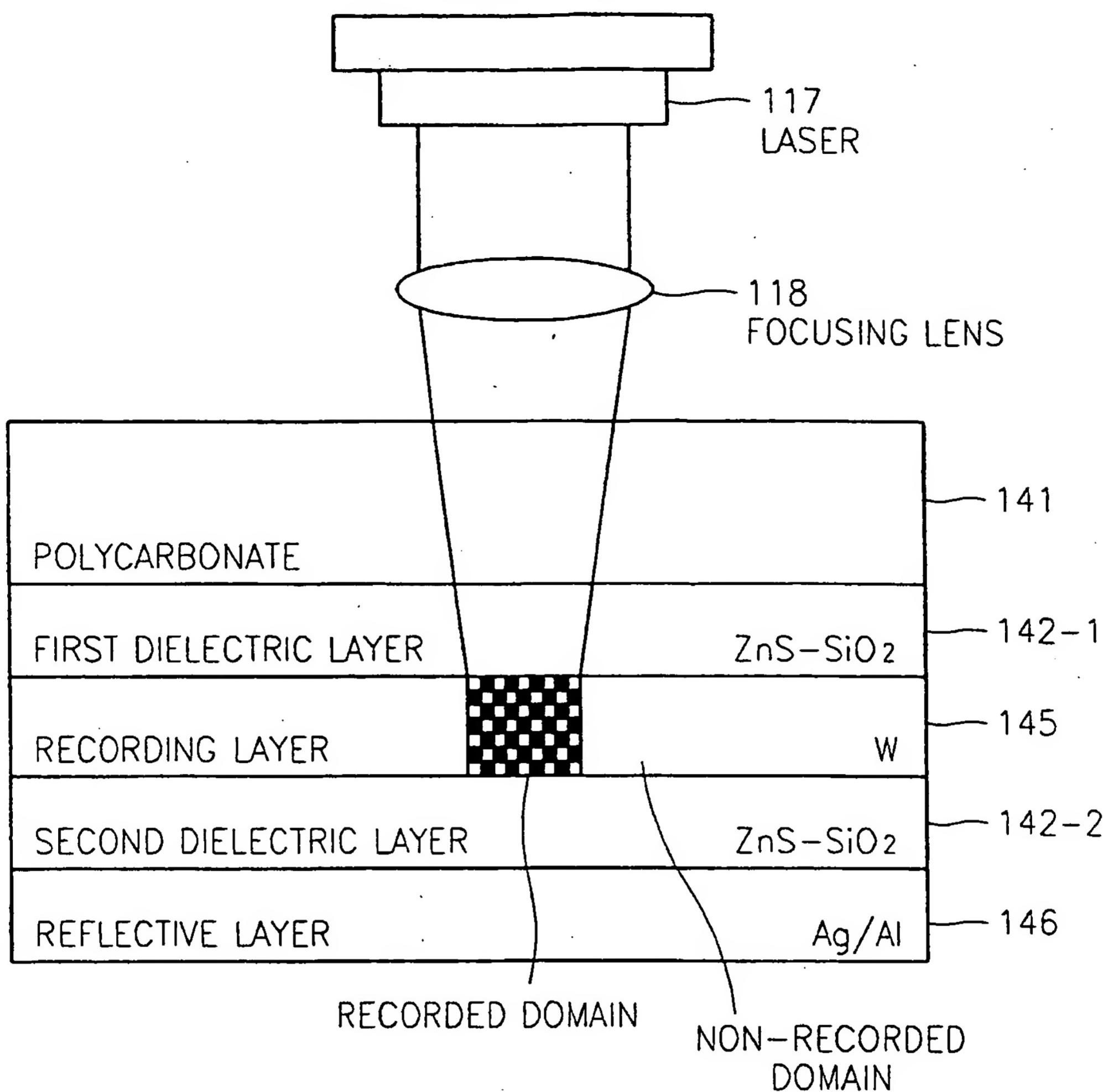


ZnS-SiO<sub>2</sub>

# REPLACEMENT SHEET



FIG. 4A



REPLACEMENT SHEET



FIG. 4B

CRYSTALLINE PARTICLES FORMED  
BY REACTION AND DIFFUSION

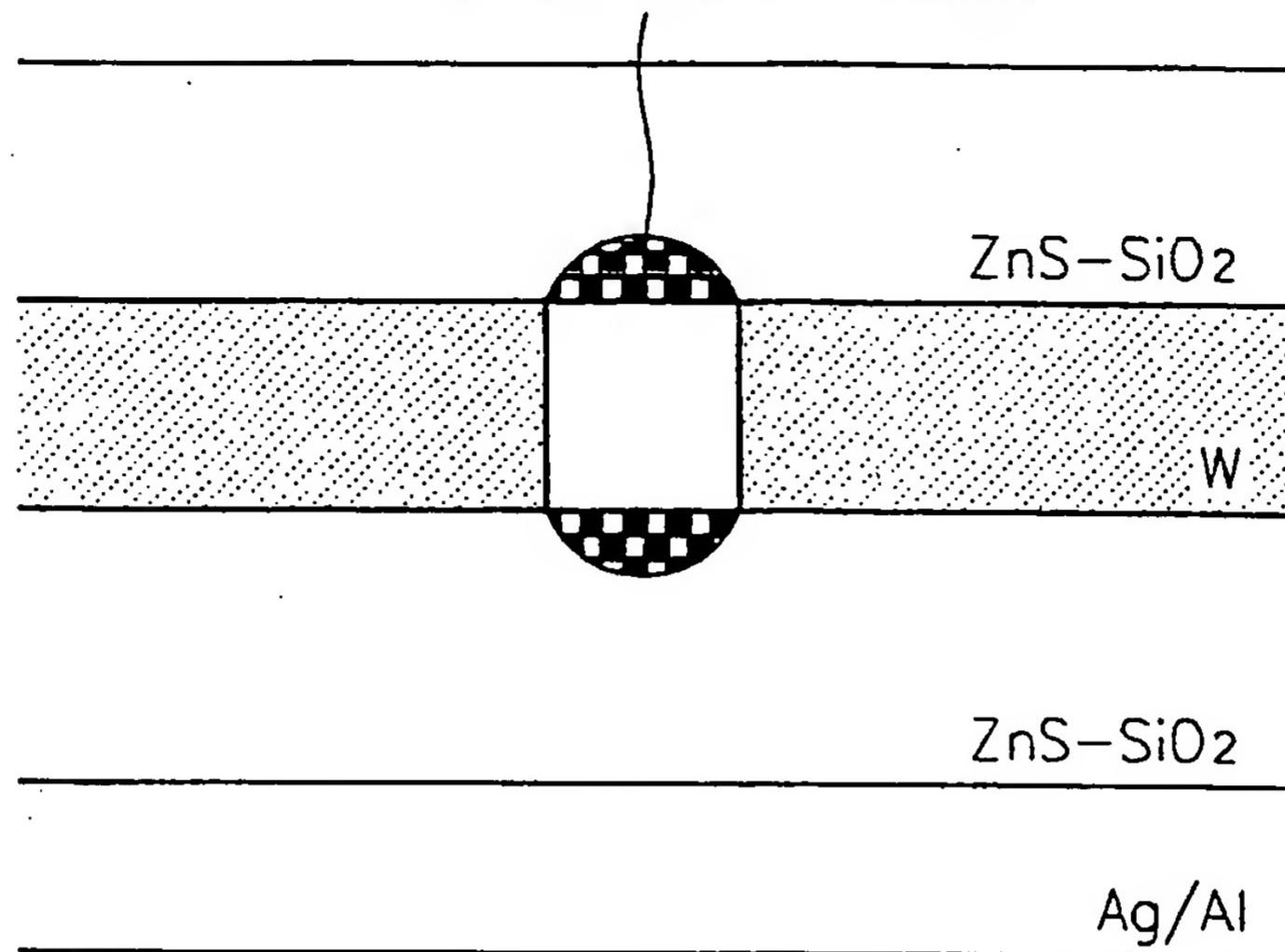




FIG. 5

